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Term: ABCA5

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L1: Entry 4 of 10

File: PGPB

Sep 5, 2002

PGPUB-DOCUMENT-NUMBER: 20020123107
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020123107 A1

TITLE: Novel ABCA5 transporter and uses thereof

PUBLICATION-DATE: September 5, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Chen, Hongyun	Vancouver		CA	
Kilinski, Ligia	Vancouver		CA	
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ASSIGNEE-INFORMATION:

NAME	CITY	STATE	COUNTRY	TYPE CODE
Active Pass Pharmaceuticals, Inc.	Vancouver		CA	03

APPL-NO: 10/ 090458 [PALM]

DATE FILED: March 1, 2002

RELATED-US-APPL-DATA:

Application is a non-provisional-of-provisional application 60/272885, filed March 2, 2001,

INT-CL: [07] C12 Q 1/68, C07 H 21/04, C12 P 21/02, C12 N 5/06, C07 K 14/435

US-CL-PUBLISHED: 435/69.1; 435/320.1, 435/325, 435/6, 530/350, 536/23.5

US-CL-CURRENT: 435/69.1; 435/320.1, 435/325, 435/6, 530/350, 536/23.5

REPRESENTATIVE-FIGURES: NONE

ABSTRACT:

The invention provides isolated nucleic acid molecules, designated ABCA5 transporter nucleic acid molecules, which encode novel ABC transporter family members. The invention also provides antisense nucleic acid molecules, recombinant expression vectors containing ABCA5 transporter nucleic acid molecules, host cells into which the expression vectors have been introduced, and non-human transgenic animals in which an ABCA5 transporter gene has been introduced or disrupted. The invention further provides isolated ABCA5 transporter proteins, fusion proteins, antigenic peptides, anti-ABCA5 transporter antibodies, and screening assays for ABCA5 transporter modulators. Diagnostic and therapeutic methods utilizing compositions of the invention are also provided.

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L1: Entry 5 of 10

File: PGPB

Jul 25, 2002

DOCUMENT-IDENTIFIER: US 20020098999 A1

TITLE: Compounds for sustained release of orally delivered drugs

Detail Description Paragraph:

[0186] Members of the ATP binding cassette transporter family (ABC transporters), including members of the ABC1 subfamily (A), including the cholesterol transporter ABCA1 (XM005567), and ABCA2 (AF178941), ABCA3 (XM007924), ABCA4 (XM001290), ABCA5 (AC005495), ABCA6 (AC005495), ABCA7 (XM00942612), ABCA8 (NM007168), ABCA9 (AC005922), ABCA10 (AC005495), ABCA11, ABCA12, ABCA13, ABCA14; the multidrug resistance (MDR)/TAP subfamily (B), including ABCB1 (MDR1, PgP) (XM004598), ABCB2 (XM004227), ABCB3 (XM004224), ABCB4 (MDR2/3) (NM000443), ABCB5 (AC002486), ABCB6 (XM002594), ABCB7 (NM004299), ABCB8 (XM004683), ABCB9 (NM019625), ABCB10 (XM001871), and ABCB11 (Bile salt export pump (BSEP or SGPG) (XM002644); the CFTR/multidrug resistance-associated (MRP) subfamily (C), including ABCC1 (MRP1) (NM004996), ABCC2 (MRP2 or cMOAT) (NM000392), ABCC3 (MRP3) (NM003786), ABCC4 (MRP4) (NM005845), ABCC5 (MRP5) (NM005688), ABCC6 (MRP6) (NM001171), ABCC7 (CFTR) (NM000492), and ABCC8 (NM000352), ABCC9 (NM005691), ABCC10 (AK000002), ABCC11, ABCC12, ABCC13; The ALD subfamily (D); And Subfamilies E (OABP), F (GCN20) and G (white) .